

ECS Configuration Change Request

Page 1 of

Page(s)

1. Originator Darryl M. Washington	2. Log Date: 01/21/03	3. CCR #: 03-0028	4. Rev: A	5. Tel: x0734	6. Rm #: 2079	7. Dept. SE
8. CCR Title: Install 9940B drives in the PVC						
9. Originator Signature/Date Darryl M. Washington /s/ 01/21/03			10. Class IN	11. Type: CCR	12. Need Date: 01/27/03	
13. Office Manager Signature/Date Carolyn Whitaker /s/ 01/21/03			14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): 920-TDP-002			17. Schedule Impact:		18. CI(s) Affected:	
19. Release Affected by this Change: 6A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) As part of the ongoing testing of the STK 9940B drives in the PVC, the drives will require an Operational Test before deployment to the DAACs. The test 9940B drives must be moved from the PVC Prototype LAN (ptdrg03), to the PVC Operational LAN (p0drg04). The AMASS host requires fibre channel interface cards to accommodate the new drives. The fibre channel cards (slots 20 & 21) that were used for the prototype testing will be moved from ptdrg03 to p0drg04. The drives will use the same STK Powderhorn silo that was used for the prototype testing. This will require a rerouting of the cables to run from the drives to the new AMASS host.						
24. Proposed Solution: (use additional sheets if necessary) Two 9940B drives in Silo 1 will reroute cables from ptdrg03 to p0drg04. Fibre channel interface cards will be moved from ptdrg03 and installed in p0drg04. ACSLS will be reconfigure to accept the installation of the new 9940B drives, and STK PTF773146 for ACSLS will be installed on p0drs03 & p0drs05. AMASS 5.2.1 in the PVC will be upgraded to AMASS 5.3.1 to accomodate the new drives. SGI Patch 4536 and APD (Asynchronous Personality Daemon) 2.3 will be installed on all AMASS hosts.						
25. Alternate Solution: (use additional sheets if necessary)						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) The Phase I testing of the 9940B drives has been completed. The drives require an Operational Load testing (Phase II) before delivering the 9940B drives to the DAACs. Delaying the Operational Testing of the drives will severely delay the delivery of the 9940B drives, as well as some dependent COTS deliveries (STK 9940B drives; ACSLS 6.1; AMASS 5.3.1; IRIX 6.5.17)						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Byron V. Peters /s/ 1/22/03			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: 03-0028 **Rev: A Originator:** Darryl M. Washington

Telephone: x0734 **Office:** 2079

Title of Change: Install 9940B drives in the PVC

As part of the ongoing testing of the STK 9940B drives in the PVC, the drives will require an Operational Test before deployment to the DAACs. The test 9940B drives must be moved from the PVC Prototype LAN (ptdrg03), to the PVC Operational LAN (p0drg04). The AMASS host requires fibre channel interface cards to accommodate the new drives. The fibre channel cards (slots 20 & 21) that were used for the prototype testing will be moved from ptdrg03 to p0drg04. The drives will use the same STK Powderhorn silo that was used for the prototype testing. This will require a rerouting of the cables to run from the drives to the new AMASS host. AMASS 5.3.1 must be installed on all AMASS host in the PVC (p0acg05; p0drg01 & p0drtg04). ACSLS has already been upgraded, and will require a reconfiguration to accept the 9940B drive on the new AMASS host (p0drg04). ACSLS will also require a patch (PTF773146 for ACSLS 6.1) that will be installed on p0drs03 & p0drs05. This patch is for an update to the license key database. The IRIX 6.5.14m OS requires a patch (patch 4536) and the Asynchronous Personality Daemon (APD) version 2.3, to be installed on all AMASS hosts. A simulated load test will be required from the Test Support Group to exercise the drives in a DAAC environment.

The host involved in this installation:

p0drg01	(AMASS Host)
p0drg04	(AMASS Host)
p0acg05	(AMASS Host)
p0drs03	(ACSLs Server)
p0drs05	(ACSLs Server)